| In | ae | X | OT | Cla | ıms | 3 |
|----|----|---|----|-----|-----|---|
|    |    |   |    |     |     |   |

Rejected

Allowed

| Application No. | Applicant(s)  | - |
|-----------------|---------------|---|
| 09/838,135      | SUORSA ET AL. |   |
| Examiner        | Art Unit      | - |
| Tanim Hossain   | 2141          |   |

| - | (Through numeral)<br>Cancelled | ] | N | Non-Elected  | A | Appeal   |
|---|--------------------------------|---|---|--------------|---|----------|
| + | Restricted                     |   | - | Interference | 0 | Objected |

| Claim Date |          |       |    | ]: :     | Ck       | im      | Date    |          |   |                    |          |                              |                      |          | ]:::     |           | laim   |            | Date     |          |          |                |         |  |                 |          |               |  |          |  |                 |          |                    |
|------------|----------|-------|----|----------|----------|---------|---------|----------|---|--------------------|----------|------------------------------|----------------------|----------|----------|-----------|--|------------|----------|----------|----------|----------------|---------|--|-----------------|----------|---------------|--|----------|--|-----------------|----------|--------------------|
| Final      | Original | 1     |    |          |          |         |         |          |   |                    |          |                              |                      | Final    | Original | 8/        | . F  |            |          |          |          |                |         |  | Final           | Original |               |  |          |  |                 |          |                    |
| _          | 1        | ŀ     | Ą  | <u>.</u> | ╀        | ╀       | 4       | _        | ┡ | ┝                  | ┞        | H                            | 1,2                  |          | 51       | K         | 4  | ╀          | Н        | _        | $\dashv$ | +              | +       | 43.3                                   | <u> </u>        | 101      | +             | ╁                                      | ╀        | -  | L               | Н        | $\dashv$           |
|            | 2        | ť     | Н  |          | H        | ┿       | +       | ᅥ        | Н | ╁╴                 | -        | ┢╌                           | 1661.44              | _        | 52       | M         | +-   | ╁╌         | Н        |          | +        | +              | +       | _: :                                   | ┢─              | 102      | +             | +                                      | ╁╌       | ╁╌   | H               | Н        | -+                 |
|            | 1        | 1     | Н  |          | t        | +       | 7       | _        |   | 1                  | -        | 1                            | . 3                  |          | 53       | H         | 1  | ✝          | H        | $\dashv$ | ┪        | +              | +       | ٠, ا                                   | ┝─              | 103      | +             | ╁                                      | +        | ┿  | ┢               | Н        | $\dashv$           |
|            | 4        | Ħ     | ┪  |          | t        | t       | 1       | _        | _ | ⇈                  | t        | t                            | -                    |          | 54       | H         | ✝  | T          | Н        | _        | 寸        | 十              | +       | ╣.                                     | $\vdash$        | 104      | +             | ╁╴                                     | ╁        | -  | H               | Н        | +                  |
|            | 5        | Ħ     | П  |          | T        | 1       | 7       |          | Γ | Т                  |          |                              | 3.5                  |          | 55       | H         |  | 1          | Н        | ┪        | 7        | 十              | $\top$  | <b>⊣</b> ੈ `                           | ┢               | 105      | _             | 十                                      | 十        | ╁  | _               | $\vdash$ | 十                  |
|            | 6        | T     | П  |          | Г        | Т       | 7       |          |   | Г                  | П        | П                            | 5                    |          | 56       | П         |  |            | П        | T        | T        | $\neg$         | T       | ],⊹                                    |                 | 106      | $\neg \vdash$ | T                                      | Т        |  | ┪               | $\vdash$ | 十                  |
|            | 7        | L     |    |          |          | Τ       | T       |          |   |                    |          |                              | 7                    |          | 57       | П         | П  | Τ          | П        |          |          | T              | 1       | 1                                      |                 | 107      | _             | 1                                      | 1        | 1  | М               |          | 十                  |
|            | 8        | I     |    |          | Γ        | Ι       | T       |          |   |                    |          |                              | -3 ;<br>-2 ;<br>-7 ; |          | 58       | П         |  |            |          |          |          |                |         | 7                                      |                 | 108      | 十             | T                                      | T        | 1  | Г               | $\dashv$ | ナ                  |
|            | 9        | $\Pi$ |    |          |          | I       |         |          |   |                    |          |                              |                      |          | 59       | $\prod$   |  | Г          |          |          |          | T              |         | ]:-:                                   | Г               | 109      | 十             | T                                      | 1        |  |                 |          | 十                  |
|            | 10       | Ц     |    |          | L        | L       |         |          |   |                    |          |                              | (                    |          | 60       | $\square$ |  |            |          |          |          | $\Box$         | Т       | 2.5                                    |                 | 110      | Т             | Т                                      | T        | 1  |                 |          | ヿ                  |
|            | 11       | Ц     |    |          |          | $\perp$ | $\perp$ |          |   |                    | 匚        |                              |                      |          | 61       | П         |  |            | П        |          |          | $\Box$         | I       |  |                 | 111      | I             | Ι                                      | Γ        |  |                 |          | 丁                  |
|            | 12       | Ш     | Ц  |          | L        | Į.      |         |          | Ĺ | <u>_</u>           | <u></u>  | <u></u>                      | 146,146              |          | 62       | Ц         |  |            | Ш        |          | $\Box$   | $\perp$        | $\perp$ |  |                 | 112      |               | Γ                                      |          | L  |                 |          | $\Box$             |
|            | 13       | Ц     | Ц  |          | L        | Ļ       | 4       | _        |   | $ldsymbol{\sqcup}$ | Щ        | <u> </u>                     | 1                    |          | 63       | Ц         |  |            | Ш        | $\Box$   | $\perp$  | $\perp \Gamma$ | Ţ       |  |                 | 113      |               |  | L        |  |                 |          | $\Box$             |
|            | 14       | L     | Ц  |          | L        | 1       | 4       | _        | _ | <b>L</b>           | <u> </u> | $ldsymbol{ldsymbol{\sqcup}}$ |                      | _        | 64       | 4         | 1  | $\perp$    | Ш        |          | $\perp$  | $\perp$        | $\perp$ |  |                 | 114      |               | L                                      |          |  |                 |          | $\Box$             |
|            | 15       | Ļ     | Ш  |          | $\vdash$ | +       | 4       | Ц        |   | _                  | L        | <b> </b>                     | l                    | -        | 65       | L         | ┡  | <b>L</b>   | Щ        | _        |          | $\perp$        | 4       | 44                                     | <u> </u>        | 115      |               | $\bot$                                 |          | 匚  |                 | $\Box$   | $oldsymbol{\perp}$ |
|            | 16       | +     | Н  |          | 1        | +       | 4       | 4        | _ | L                  | <u> </u> | <u> </u>                     |                      | _`       | 66       | L         | <b> </b>   | 1_         | ╙        | _        | _        | 4              | 1       | 4                                      | <u> </u>        | 116      |               | 1                                      | $\perp$  | <u> </u>   |                 | $\Box$   | $\perp$            |
|            | 17       | ₽     | Н  |          | ┞        | +       | 4       | 4        |   | L                  | <b>—</b> | $\vdash$                     |                      |          | 67       | L         | ▙  | ┞-         | Ш        | _        | 4        | 4              | 4       | ┨                                      | <u> </u>        | 117      |               | 1                                      | ┺        | L  |                 | $\Box$   | ┙                  |
|            | 18       | 1     | Ц  | _        | ⊢        | +       | 4       | _        | _ | <b>L</b>           | <b> </b> | <b>—</b>                     |                      |          | 68       | <b>L</b>  | ┺  | ⊢          | Ш        | _        | 4        | 4              | 4       | 4                                      | <u> </u>        | 118      |               | L                                      | 1        | $oldsymbol{ol}}}}}}}}}}}}}}}}}}$ |                 |          | $\perp$            |
|            | 19       | H     | Н  |          | L        | +       | 4       |          |   | ļ.,                | -        | ⊢                            |                      |          | 69       | <u> </u>  | <b> </b>   | ⊢          | $\sqcup$ | _        | 4        | 4              | $\bot$  | 1                                      | <u> </u>        | 119      | $\bot$        | 1                                      |          | $oldsymbol{oldsymbol{\sqcup}}$   | Ш               | $\Box$   |                    |
|            | 20       | μ     | Ц  |          | L        | +       | 4       | -        |   | L                  | <u> </u> | <u> </u>                     |                      |          | 70       | <u> </u>  | ┞  | L          | Ш        | 4        | 4        | 4              | ┵       | - ∵                                    | ļ               | 120      | _             | 丄                                      | ╙        | L  |                 |          | $\perp$            |
|            | 21       | H     | Н  |          | L        | ╄       | 4       |          |   | $\vdash$           | L        | ⊢                            |                      |          | 71       | <u> </u>  | ┞-   | <u> </u>   | Ш        | 4        | _        | 4              | ┵       | <b>.</b>  -,                           | L.              | 121      |               | 1                                      | _        | 匚  | Ш               |          | $\bot$             |
|            | 22       | ₽     | Н  |          | ┡        | ╀       | 4       | ᅱ        |   | -                  | Н        | L                            |                      |          | 72       | L         | ▙  | <b>!</b> _ |          | 4        | 4        | 4              | 4       | 4                                      |                 | 122      | $\perp$       | ــــــــــــــــــــــــــــــــــــــ | ╙        | L  |                 | $\dashv$ | _                  |
|            | 23       | ╀     | Н  |          | ┡        | ╀       | 4       |          |   |                    | Щ        | <u> </u>                     | 11. VOX.12. V        |          | 73       | ⊢         | ╙  | <u> </u>   | $\Box$   | 4        | 4        | 4              | 4       | 4.                                     | <u> </u>        | 123      |               | ┺                                      | L.       | L  | Щ               | _        | _                  |
|            | 24       | ╀     | H  | _        | ⊢        | ╀       | +       |          |   | -                  | H        | <u> </u>                     | ų,                   |          | 74       | <b> </b>  | <b> </b>   | <u> </u>   | -        | 4        | -        | +              | ╀       | 1                                      |                 | 124      |               | ┺                                      | ┖        | L  | Ш               |          | 4                  |
|            | 25       | ╀     | 41 |          | ⊢        | ╀       | +       | -        |   | <u> </u>           | Щ        | -                            | 1.3                  |          | 75       | _         | ⊢  | ⊢          | Н        | -        | -        | 4              | 4       | ];;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;; |                 | 125      | <b>-</b>  -   | ╄                                      | ┞        | Щ  | Ц               | $\perp$  | 4                  |
|            | 26<br>27 | ╀     | H  | _        | ┝        | ╀       | +       | ┥        |   | ├                  | Н        | -                            |                      |          | 76       | <u> </u>  | ⊢  | Н          | $\dashv$ | -        |          |                | 4-      | - I                                    | <u> </u>        | 126      | _             | ╀                                      | ┺        | Ш  | Ц               | 4        | 4                  |
|            | 28       | ╀     | ₩  |          | ⊢        | ╀       | +       | $\dashv$ | _ | ⊢                  | -        | H                            |                      |          | 77       | ⊢         | ⊢  | H          | $\dashv$ | -        | +        | +              | +       |  | ├               | 127      | _             | ↓_                                     | ╄        | $\sqcup$   | Ш               | -        | 4                  |
|            | 29       | ┞     | ₩  |          | ┝        | ╀       | +       | $\dashv$ | _ | ١                  | $\vdash$ | _                            |                      |          | 78       | -         | ├  | ├-         | $\dashv$ | $\dashv$ | -+       | +              | ┿       | 40                                     | Ь—              | 128      |               | ╀                                      | ↓_       | _  |                 | $\dashv$ | 4                  |
|            | 30       | ╀     | ₩  | _        | ┝        | ╀       | +       | ᆛ        |   | -                  | Н        |                              |                      |          | 79       | -         | ├  | H          | $\dashv$ | -        | +        | +              | 4-      | <b>]</b>                               | <u> </u>        | 129      | _             | ╀                                      | ₽        | -  | Н               | -        | 4                  |
|            | 31       | ╀     | H  |          | -        | ╀       | ┿       |          |   | Н                  | Н        |                              |                      |          | 80       | ⊢         | Ͱ  | ⊢          | $\dashv$ |          | +        | +              | ┿       | <b>-</b> [∴                            | ├—              | 130      |               | ╄                                      | ┼        | -  | Н               | -        | +                  |
|            | 32       | ╀     | H  | -        | H        | ╀       | +       | -1       | _ | H                  | Н        | H                            |                      |          | 81<br>82 | ⊢         | ⊢  | H          | Н        | $\dashv$ | +        | ┿              | ╀       | -[                                     | <del> </del>    | 131      | +             | ╄                                      | ⊢        | $\vdash$   |                 | 4        | +                  |
|            | 33       | ╀     | H  |          | ⊢        | ╀       | ┿       | ┨        |   | Н                  | Н        | $\vdash$                     |                      | -        | 83       | ⊢         | <del> </del>                                     | -          | $\dashv$ | $\dashv$ | +        | ╌              | +-      | - : . :                                | ⊢               | 132      | +             | ╀                                      | ┝        | Н  |                 | $\dashv$ | +                  |
|            | 34       | ╁     | H  | _        | $\vdash$ | ╁       | ╁       | ┥        | _ | Н                  | Н        | Н                            |                      |          | 84       | ┝         | $\vdash$   | $\vdash$   | $\dashv$ | +        | +        | +              | +       |  | ⊢               | 133      | +             | +-                                     | ⊢        | H  | $\vdash$        | +        | +                  |
| -          | 35       | H     | H  |          | H        | +-      | +       |          |   | Н                  | Н        | Н                            |                      |          | 85       | H         | ┢  | $\vdash$   | -+       | $\dashv$ | ╅        | +              | +       | 1:                                     | $\vdash$        | 135      | +             | +                                      | ╁        | Н  | $\vdash \vdash$ | +        | +                  |
|            | 36       | t     | H  |          | H        | 十       | +       | ┪        |   | Н                  | Н        | $\vdash$                     |                      |          | 86       | $\vdash$  | ┢  | $\vdash$   | $\vdash$ | $\dashv$ | ╅        | +              | +       | 1                                      | $\vdash$        | 136      | +             | ╁                                      | $\vdash$ | Н  | Н               | $\dashv$ | +                  |
|            | 37       | t     | H  |          | H        | +       | +       | +        |   | Н                  | Н        | $\vdash$                     |                      |          | 87       | $\vdash$  | $\vdash$   | $\vdash$   | -+       | ┥        | ┰┼       | +              | +       | -                                      | <del> </del>    | 137      | - -           | +                                      | ╁        | Н  | $\vdash$        | +        | +                  |
|            | 38       | t     | H  |          | H        | +       | 十       | ┪        | _ | $\vdash \vdash$    | Н        | Н                            | es and dist          |          | 88       | ┝         | $\vdash$   | $\vdash$   | $\dashv$ | $\dashv$ | ┰┼       | +              | +       | 1                                      | <del> </del>    | 138      | +             | ╁                                      | -        | Н  | $\vdash$        | -+       | +                  |
|            | 39       | t     | H  |          | ┝        | ╁       | +       | ┪        |   | Н                  | Н        | Н                            | 4.                   | -        | 89       | $\vdash$  | Н  | Н          | $\dashv$ | $\dashv$ | +        | +              | 十       | ┥ ・                                    |                 | 139      | +             | ╁                                      | +-       | $\vdash$   | $\vdash$        | -+       | +                  |
|            | 40       | t     | H  |          | Н        | 十       | +       | ┪        | - | $\vdash$           | H        | Н                            |                      | $\dashv$ | 90       | H         | <del>                                     </del> | Н          | -        | $\dashv$ | +        | ╁              | +-      | ┪                                      | <del> </del>    | 140      | +             | +-                                     | $\vdash$ | Н  | $\vdash$        | $\dashv$ | +                  |
|            | 41       | ۱     | H  |          | H        | ✝       | +       | ┪        | _ | Н                  | Н        | Н                            | 21 3                 |          | 91       | -         | Н  | Н          | $\dashv$ | $\dashv$ | 十        | +              | +       | <b>†</b>                               | $\vdash \vdash$ | 141      | +             | 1                                      | ┢        | $\vdash$   |                 | +        | +                  |
|            | 42       | t     | H  | _        | Н        | ۲       | +       | ┪        |   | Н                  | Н        | Н                            | inti<br>i            |          | 92       | Т         | <del>                                     </del> |            | -        | $\dashv$ | +        | +              | T       | 1                                      | $\vdash$        | 142      | +             | ✝                                      | ┿        | Н  | Н               | +        | 十                  |
|            | 43       | t     | H  |          | Т        | 十       | †       | 7        |   | $\vdash$           | Н        | Н                            |                      | -        | 93       |           |  | П          | $\dashv$ | 十        | 十        | +              | +       | 1                                      |                 | 143      | +             | $\vdash$                               | $\vdash$ | Н  | $\dashv$        | $\dashv$ | 十                  |
|            | 44       | t     | H  | _        | -        | T       | +       | 7        |   | П                  | Н        | Н                            | : 1                  | $\neg$   | 94       |           | Г  | П          | 7        | 7        | 十        | +              | $\top$  | <b> </b>                               |                 | 144      | $\top$        | $t^-$                                  | Т        | H  | $\dashv$        | $\dashv$ | 十                  |
|            | 45       | t     | H  |          | Г        | t       | +       | 寸        |   | Н                  | М        |                              |                      |          | 95       |           | Г  | H          | 寸        | ヿ        | 十        | $\top$         | ╅       | 1                                      |                 | 145      | +             | ✝                                      |          | H  | $\dashv$        | $\dashv$ | +                  |
| _          | 46       | ١     | H  |          | Г        | t       | †       | ┪        |   | H                  | Н        | Н                            |                      |          | 96       | Т         |  | М          | 7        | 十        | $\top$   | $\top$         | 十       | 1.                                     |                 | 146      | 十             | т                                      | Т        | Н  |                 | $\dashv$ | +                  |
|            | 47       | H     | H  |          | Н        | t       | +       | ┪        |   | Н                  | Н        |                              |                      |          | 97       | Т         |  | Н          | 7        | 7        | 十        | +              | $\top$  | 1                                      |                 | 147      | +             | т                                      | М        | Н  | -               | $\dashv$ | +                  |
| -          | 48       | Н     | †  |          | -        | †       | +       | $\dashv$ | ٦ | Н                  | Н        | Н                            |                      | $\neg$   | 98       | Т         | ┪  | Н          | $\dashv$ | +        | $\dashv$ | +              | +       | 1                                      |                 | 148      | $\top$        | $\vdash$                               | 1        | $\vdash$   | $\dashv$        | $\dashv$ | +                  |
| $\neg$     | 49       | H     | +  |          |          | t       | +       | ┪        | 7 | Н                  | П        | П                            |                      |          | 99       | Г         | Г  | М          | $\dashv$ | 7        | 十        | +              | 十       | 1.                                     | $\vdash$        | 149      | +             | t                                      | М        | Н  | $\dashv$        | +        | 十                  |
|            | 50       | Ų     | 7  | _        | Н        | ✝       | 十       | +        | _ |                    | $\vdash$ | Н                            | - I                  |          | 100      | Т         | Т  |            | $\neg$   | +        | $\dashv$ | +              | +       | 1                                      | _               | 150      | +             | t                                      | Н        | Н  | $\dashv$        | -+       | ╅                  |